

ELIZABETH A. CHAR, M.D. DIRECTOR OF HEALTH

STATE OF HAWAII DEPARTMENT OF HEALTH

P. O. BOX 3378 HONOLULU, HI 96801-3378 In reply, please refer to:

2021-172 sll

January 03, 2022

TO:

Facility Operators

FROM:

Elizabeth Galvez, Emergency Preparedness and Response Supervisor

Hazard Evaluation and Emergency Response Office

SUBJECT:

Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA),

Section 128E-6, Hawaii Administrative Rules (HAR), Chapter 11-453-25,

Filing for the 2021 - Reporting Year

The 1993 Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA) requires an **annual submission** of chemical inventories by covered facilities.

The Environmental Protection Agency (EPA) and the National Oceanographic and Atmospheric Administration (NOAA) have developed a software package, **Tier2Submit**, which facilities may use to submit their HEPCRA inventories. This program is free and available at: https://www.epa.gov/epcra/tier2-submit-software

The Department of Health (DOH), Hazard Evaluation and Emergency Response (HEER) Office encourages facility operators to use the Tier2Submit and provide the HEER Office with an electronic version of their data. Information for the HEER Office is available at our website: https://health.hawaii.gov/heer/

Accurate coordinates of your facility where your chemicals are stored is very important in order for emergency responder personnel to find your facility in an event of an emergency. Please ensure that you submit the exact Latitude and Longitude correctly for your facility. In case your chemicals are stored in several locations, please submit the latitude and longitude of the front gate. Do not submit the coordinates of your mailing address.

We request that you notify us by fax, mail, or e-mail if your facility is no longer operating or is no longer a reportable facility.

If you have questions regarding HEPCRA, please contact Sharon Leonida with the DOH Hazard Evaluation and Emergency Response (HEER) Office at (808) 586-4249, fax (808) 586-7537, or email at sharon.leonida@doh.hawaii.gov

Attachments:

- 1) Tier2Submit 2021 SAMPLE EPA Program form
- 2) HEER Hazardous Substance Inventory Guideline 2-A, Summary Implementations Table 2-B
- 3) Options for Tier2Submit 3-A, DOH e-permitting system 3-B, LEPC and Fire Dept. Contact Names 3- C
- 4) Additional Notes and Amendments for Filing Hawaii Chemical Inventory Form 4
- 5) Hawaii Chemical Inventory Form, HCIF Blank Form 5-A1, 2 and Instructions 5-B

Reporting Period: January 1 to December 31, 2021

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Printed: December 27, 2021

Emergency and Hazardous Chemical Inventory Specific Information by Chemical

Facility:	Sample	Facility
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>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <

FACILITY NAME AND LOCATION: Sample Facility Dept: Any Street Hawaii Any City Hawaii, Hawaii 96782 USA County: Honolulu Fire District: Latitude: 21.405781 Longitude: -157.963716 MAILING ADDRESS: SAMPLE MAILING ADDRESS:
All facility information (not including chemical information) is identical to last year's submission
IDENTIFICATION NUMBERS: Dun & Bradstreet: N/A NAICS: 923120 (Administration of Public Health Programs)
Is the facility manned? ☑ Manned ☐ Unmanned Maximum No. of Occupants: 40
REGULATORY INFORMATION: Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? Yes No Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? Yes No
STATE-SPECIFIC FACILITY DATA FIELDS FOR HAWAII: Island: Oahu Facility ID Number: 2300 Facility is a military facility Payment Status: Submittal Status: Submission Type: Submittal Received Date: Close Date: Former Name: Notes:
CONTACT INFORMATION:
CHEMICAL INVENTORY INFORMATION:
State/local fees: \$200.00
☐ I have attached a site plan ☐ I have attached a list of site coordinate abbreviations ☐ I have attached a description of dikes and other safeguard measures

Reporting Period: January 1 to December 31, 2021

Page 2

Printed: December 27, 2021

Specific Information by Chemical
Facility: Sample Facility (continued)

>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <

Certification (Read and sign after completing all sec	tions)
I certify under penalty of law that I have personally examined and am and that based on my inquiry of those individuals responsible for obtainformaton is true, accurate, and complete.	, ,
Signature	01/03/2022 Date signed

Hawaii State Department of Health Hazard Evaluation and Emergency Response Office (HEER) Hazardous Substance Inventory Guideline

WHO MUST SUBMIT AN INVENTORY FORM

You need to report hazardous substances that were present at your facility at any time during the previous calendar year at levels that equal or exceed reporting thresholds established for Hawaii Chemical Inventory Form/Tier II (HCIF) reporting under the Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA). These thresholds are as follows:

For Extremely Hazardous Substances (EHS) designated under section 302 of The Emergency Planning and Community Right-to-Know Act (EPCRA), the reporting threshold is 500 pounds (or 227 kg) or the Threshold Planning Quantity (TPQ) whichever is lower.

For all other hazardous chemicals for which facilities are required to have or prepare a Safety Data Sheet (SDS), the reporting threshold is 10,000 pounds or (4,540 kg).

WHAT CHEMICALS ARE EXCLUDED

- 1) Any food additive, color additive, drug or cosmetic regulated by the Food and Drug Administration;
- 2) Any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use;
- 3) Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;
- 4) Any substance to the extent it is used in research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual; and
- 5) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.

In 1999, Federal EPCRA Section 311-312 threshold planning quantities increased to 75,000 gallons for gasoline and 100,000 gallons for diesel for Retail Gasoline Stations that are in full compliance with underground storage tank regulations for the year.

WHEN TO SUBMIT THE HCIF

HCIFs for the reporting year January 1, 2021 through December 31, 2021 must be submitted by March 1, 2022.

WHERE TO SUBMIT THE HCIF TO

Send completed Hawaii Chemical Inventory/Tier II Forms to each of the following organizations: (Attachment 3-C)

- 1) Hawaii State Emergency Response Commission (HSERC/HEER)
- 2) Your Local Emergency Planning Committee (LEPC)
- 3) Your Local Fire Chief

FILING FEE

Under Hawaii Revised Statutes Section 128E-9 and Hawaii Administrative Rules 11-453-32, a \$200.00 filing fee must be submitted for each facility covered under HEPCRA. You are encouraged to make your payment online https://health.hawaii.gov/heer/submit-documents-to-heer/submit-a-hepcra-tier-ii-report/. Checks or money orders payable to the State of Hawaii, Hazard Evaluation and Emergency Response Office, or State of Hawaii, HEER Office will still be accepted. No Purchase Orders will be accepted.

PENALTIES

Any owner or operator who violates any HCIF reporting requirements shall be liable to the State of Hawaii for a civil penalty of up to \$25,000 for each such violation. Each day of a violation constitutes a separate violation.

HEER Hazardous Substance Release Notification and Inventory Guideline - Summary Implementation Table

Statute or Regulation Section Number	List of Lists (7/1/2021)	Who must Provide Information	Information to Provide	To Whom Information Goes	When to Submit Information
§302 §128E-6	Sec. 302 (EHS) TPQ	All who store in excess of the TPQ.	Letter stating that you are regulated.	HSERC 808 586-4249 LEPC	Information due within 60 days of receipt of Extremely Hazardous Substance at a facility.
\$304 \$128D \$128E-7 \$11.451-7 \$103	EHS RQ CERCLA RQ and 10-pound RQ for TCP and Oil under the listed circumstances. *	Those who release above the RQ.	Release Notification and Written Follow-up	HSERC, 808 586-4249 M-F 808 236-8200 after-hours LEPC NRC 800 424-8802	Immediately Written follow-up due as soon as possible. Immediately Immediately
§311 §128E-6(2)(A)	Sec. 302 (EHS) TPQ and 10,000-pound TPQ for OSHA Hazardous Chemicals.	Those who store above the TPQ.	(Only upon request from HEER) List of SDS Chemicals and Hazard Categories for Each.	HSERC, LEPC, Fire Department	Due annually by March 1 for preceding calendar year inventory.
§312 §128E-6(2)(B) &(C)	Sec. 302 (EHS) TPQ and 10,000-pound TPQ for OSHA Hazardous Chemicals.	Those who store above the TPQ.	Hawaii Chemical Inventory Form (HCIF) (Tier II) and Site Map.	HSERC, LEPC, Fire Department	Due annually by March 1 for preceding calendar year inventory.
§128E-9		Those who submit an HCIF.	Filing Fee - \$200 per facility.	HSERC	Due annually with HCIF.
§313	Sec 313	Manufacturing facilities in specified SIC Codes, with more than 10 employees, that manufacture or process more than 25,000 pounds or otherwise use more than 10,000 pounds of the listed chemicals.	TRI Form R (Do not submit to HEER; upon request to EPA, HEER can get the information from		Due annually by July 1 for preceding calendar year inventory.
*(A) Any amount of oil	*(A) Any amont of oil withink and one the	7	(2)		

^{*(}A) Any amount of oil which when released into the environment causes a sheen to appear on surface water, or any navigable water of the State;

⁽B) Any free product that appears on ground water; (C) Any amount of oil released to the environment greater than 25 gallons; and (D) Any amount of oil released to the environment, which is less than 25 gallons, but which is not contained and remediated within 72 hours.

Submitting Your Tier II Chemical Inventory Report to the HEER Office

The **DEADLINE** for filing your Tier II Chemical Inventory Report is **March 1, 2022**. The Tier II submission to the Hazard Evaluation and Emergency Response Office must include the following:

- 1) The completed Chemical Inventory Report (Tier II) form(s)
- 2) Facility maps indicating chemical locations.
- 3) A \$200.00 filing fee per facility

Facility Identification Number

If you are submitting for the first time, a HEPCRA Facility ID number needs to be provided to you. Please contact Sharon Leonida with HEER Office, email at: sharon.leonida@doh.hawaii.gov.

Office phone (808) 586-4249, fax (808) 586-7537.

Tier2Submit Electronic Submission

- 1) Download the Tier2Submit software from the following website: https://www.epa.gov/epcra/tier2-submit-software
- 2) Enter the inventory information into Tier2Submit.
- 3) Generate an electronic file (.t2s and .pdf) of your chemical inventory from the Tier2Submit software.

There are two options for submitting your Tier II report, filing fee, and map:

- Option 1: e-permitting https://eha-cloud.doh.hawaii.gov/epermit/ (site is good)
 Note: We do not require Electronic Signatures to be notarized.
- Option 2: You may copy the electronic file to a compact disc and mail it to:

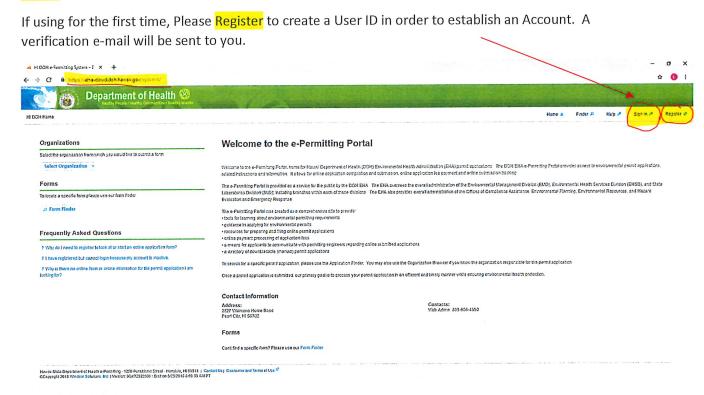
State of Hawaii Department of Health Hazard Evaluation and Emergency Response (HEER) Office ATTN: HEPCRA Data Manager 2385 Waimano Home Road #100 Pearl City, HI 96782

The HEER Office is using Tier2Submit for two reasons: The first reason is to allow electronic submission in a format already utilized by the EPA. The second reason is to gain compatibility with the CAMEO/ALOHA/MARPLOT software used by emergency planners. Maintaining Tier II information in CAMEO will increase the usefulness of the HEPCRA inventories to emergency response agencies.

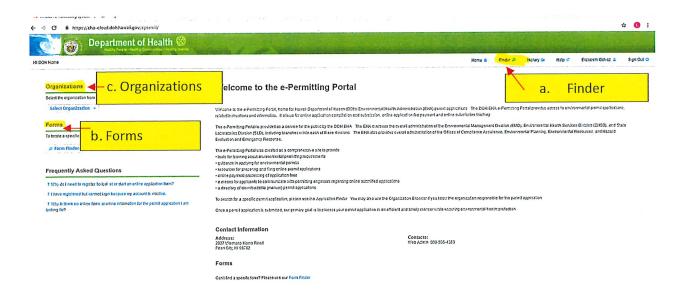
Hawaii DOH E-Permitting System Instructions

1. https://eha-cloud.doh.hawaii.gov/epermit/

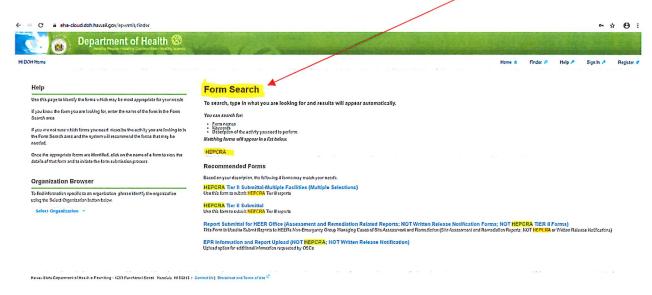
Sign in if you already have an Account.



2. To get into HEPCRA Tier II:

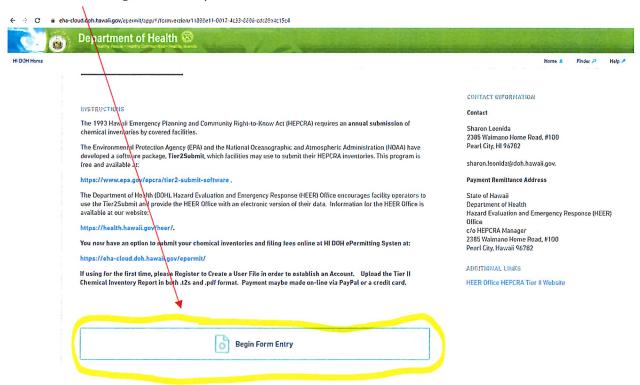


a. Search using Finder. You will be forwarded to a screen with Form Search. Type in HEPCRA.



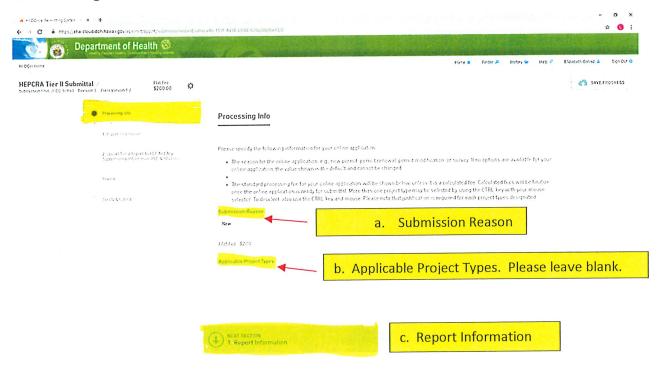
- i. Select HEPCRA Tier II Submittal for a single facility; or,
- ii. Select HEPCRA Tier II Submittal-Multiple Facilities (up to 20 Facilities)

3. Click on Begin Form Entry

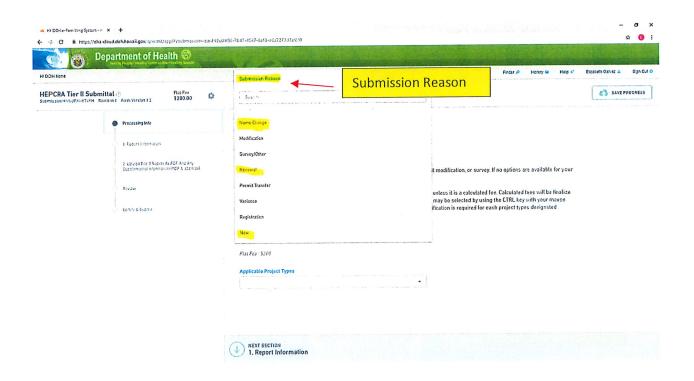


ATTACHMENT 3-B

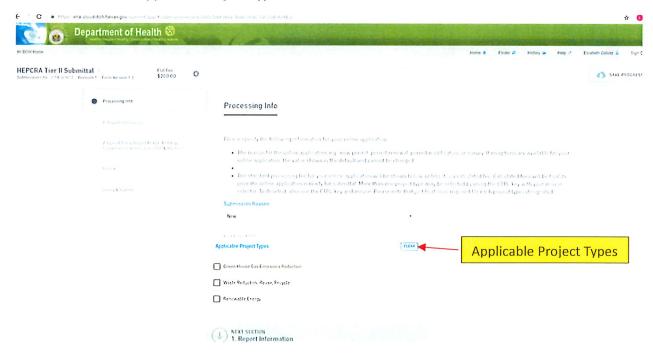
4. Processing Info



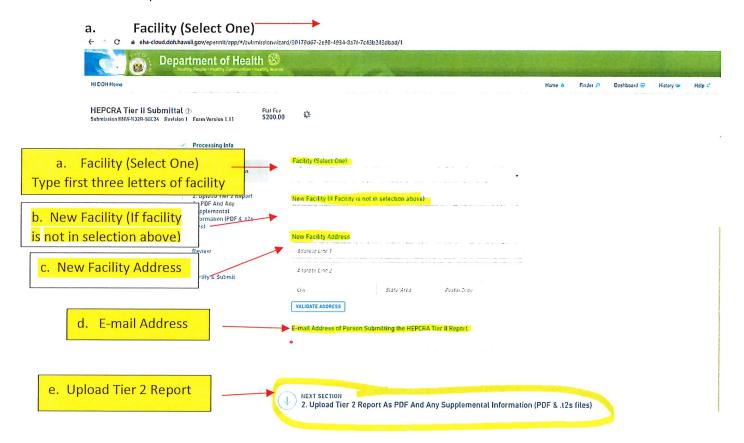
a. Submission

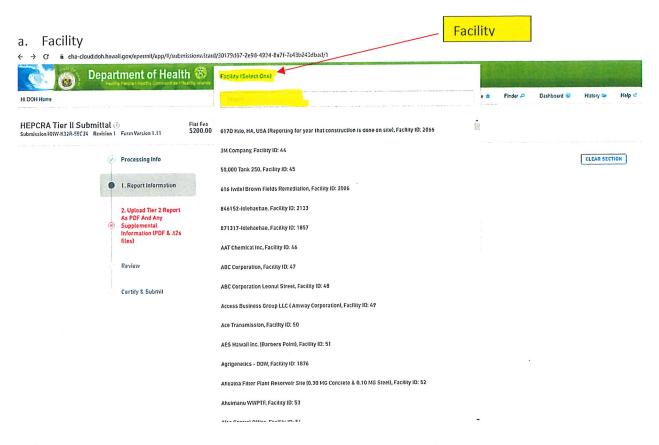


b. Applicable Project Types. Please leave blank.



- c. Click on Next Section 1.Report Information
- 5. Report Information





- i. Type first three letters of facility name; or,
- ii. Select from a drop-down. Please note the unique Facility ID No.
- iii. If you do not see the facility name listed, select Other at the bottom of the Facility List and type in the Facility Name. Please note the unique HEPCRA Facility ID.
- b. New Facility Type in Facility if Facility is not in the Selection above
- c. New Facility Address
- d. E-mail address of Person Submitting the HEPCRA Tier II report.
- e. Click on Next Section 2. Upload Tier 2 Report As PDF and Any Supplemental Information (.pdf & .t2s files)

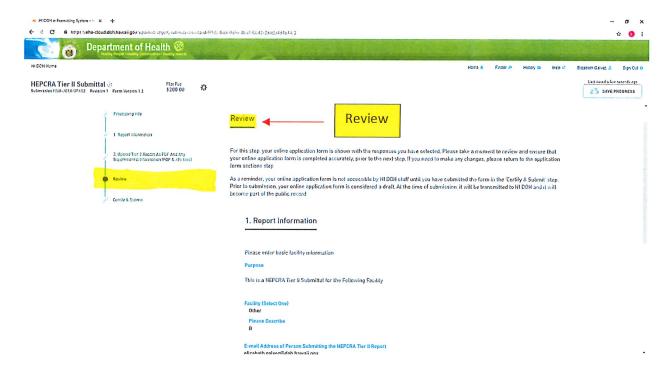
6. Upload Tier 2 Report



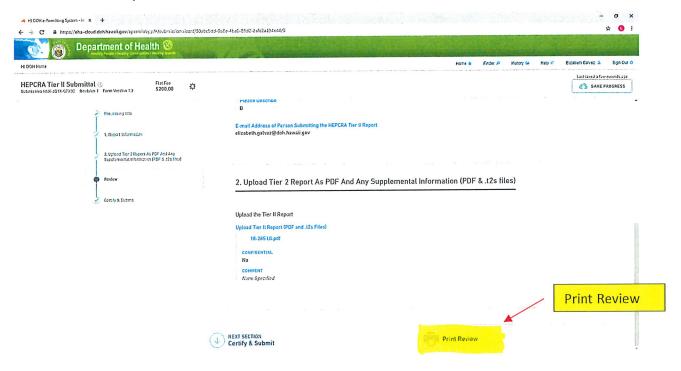
- a. Upload .t2s output file and a .pdf copy. Do not upload a .zip file it will not work. You may enter comments if you choose.
- b. Click on Next Section Review.

7. Review

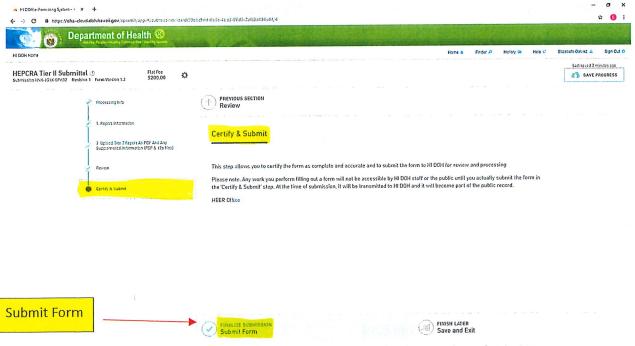
a. Please review and ensure that your entry is completed accurately, prior to the next step



b. You may also click on Print Review if you want a print-out of your entry.

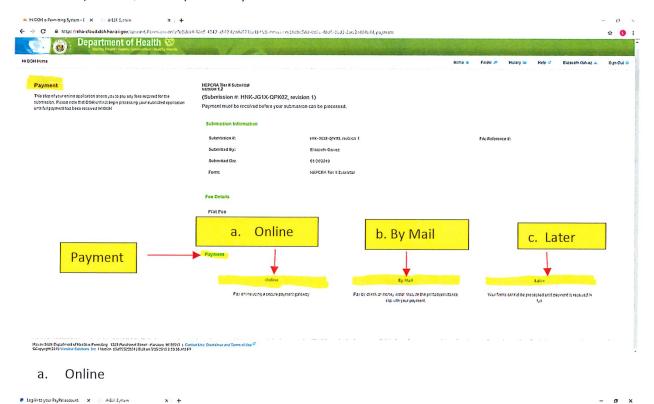


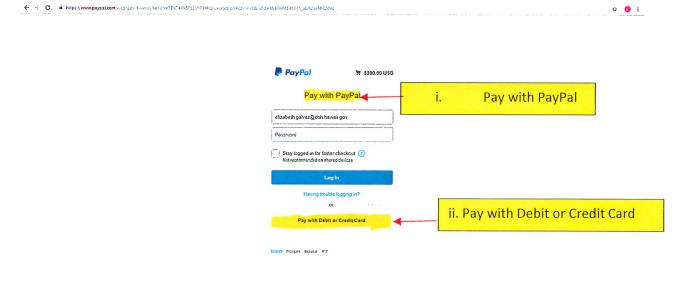
8. Certify and Submit



Once completed, please Click on Finalize Submission Submit Form for submission.

9. Payment - \$200.00 per facility





Contest Us Fellocy Legal Mundende

- i. Pay with PayPal or
- ii. Pay with Debit or Credit Card

- b. By Mail Please pay by check or money order. Include the remittance slip with your payment.
- c. Later Your Tier II submittal forms cannot be processed until payment is received in full.

<u>Submitting the TIER II Chemical Inventory Report to Your Local Emergency Planning Committee</u> (LEPC) and Your Local Fire Department

In addition to filing your TIER II Chemical Inventory Report to the HEER Office, **HARDCOPIES** must also be submitted to the Local Emergency Planning Committee **AND** the local fire department of your facility's respective county. The **DEADLINE** for filing your Tier II Chemical Inventory Report is **March 1, 2022**.

Your TIER II submission to the LEPC and the local fire department must include the following:

- 1) The Tier II Chemical Inventory Report, completed with signature
- 2) Facility map(s) indicating chemical locations

COUNTY	LOCAL EMERGENCY PLANNING COMMITTEE	FIRE DEPARTMENT
City and County of Honolulu	Robert Harter Honolulu LEPC Department of Emergency Management 650 South King Street Honolulu, Hawaii 96813	Sheldon Kalani Hao Fire Chief Honolulu Fire Department 636 South Street Honolulu, Hawaii 96813-5007
	Phone: 808 723-8960 Fax: 808 768-1492 http://www.honolulu.gov/dem/resources/lepc.html	Phone: 808 723-7101 Fax: 808 723-7111
Hawaii County	Gerald Kosaki Hawaii County LEPC 277 Kapualani Street Hilo, Hawaii 96720 Gerald Kosaki, LEPC Chair Cell: 808 936-8181 gkosaki@hawaii.rr.com	Kazuo Todd, Fire Chief Hawaii Fire Department 25 Aupuni Street, Suite 2501 Hilo, Hawaii 96720 Phone: 808 932-2903 Fax: 808 932-2928
Kauai County	Kauai LEPC Kauai Emergency Management Agency 3990 Kaana Street #100 Lihue, Hawaii 96766 Phone: 808 241-1800	Steven Goble, Fire Chief Kauai County Fire Department 4444 Rice Street, Suite 315 Lihue, Hawaii 96766 Phone: 808 241-4975 Fax: 808 241-6508
Maui County	Jeffrey M. Kihune, Sr. Maui County LEPC 200 Dairy Road Kahului, Hawaii 96732 Phone: 808 870-7404 lepcmauicounty@yahoo.com	Brad Ventura, Chief Maui County Fire Department 200 Dairy Road Kahului, Hawaii 96732 Phone: 808 270-7561 Fax: 808 270-7919

Additional Notes and Amendments for Filing Hawaii Chemical Inventory Form

Preprinted Hawaii Chemical Inventory Form (HCIF)

If you are not using the Tier2Submit program, please use the blank forms, Attachments 5. Fill in the facility information and the year of the reporting period. Then make three copies, sign and date each form. Send each one of the signed forms to the three appropriate agencies. Include an updated map for each agency. When filing for past years, you will not be able to use Tier2Submit. The program is only for use in the current filing year. Use Attachment 5 to complete and submit your report.

If you used the previous year's Tier2Submit, you may import those records into the current version of Tier2Submit and update your information.

Safety Data Sheet (SDS) Handling

The HEER Office requests that facilities <u>do not</u> submit SDSs with their forms. Facilities are required to maintain current SDSs for its hazardous substances and to have them available upon request.

Retail Gasoline Stations

For Retail Gasoline Stations that are in full compliance with Underground Storage Tank requirements, the threshold planning quantities (TPQ) are increased to 75,000 gallons for gasoline and 100,000 gallons for diesel. This is due to the 1999 changes in Federal EPCRA Section 311-312. For those Retail Gasoline Stations that have violations documented during a compliance inspection, the TPQ reverts to 10,000 pounds for the reporting year following the year in which the violation occurred. Call the EPA hotline at 1(800) 424-9346, the HEER Office at (808) 586-4249, or check https://www.epa.gov/epcra/eligibility-gasoline-and-diesel-thresholds-retail-gas-stations for more information.

Rules for Hawaii Revised Statutes (HRS) 128-E

The Hazard Evaluation and Emergency Response (HEER) Office and the Local Emergency Planning Committees (LEPCs) have written rules for HRS 128E:

https://www.capitol.hawaii.gov/hrscurrent/Vol03 Ch0121-0200D/HRS0128E/HRS_0128E-.htm .

The effective date for "Chapter 453 of Title 11, Hawaii Administrative Rules" is November 5, 2010, https://health.hawaii.gov/opppd/files/2015/06/11-453.pdf . Contact Sharon Leonida of the HEER Office at sharon.leonida@doh.hawaii.gov or (808) 586-4249 for additional information.

Amendments to EPCRA

Tier I and Tier II forms and instructions have been removed from the Code of Federal Regulations (CFR). They are located on EPA's website: https://www.epa.gov/epcra/consolidated-list-lists.

Facilities are now required to report their North American Industry Classification System (NAICS) code on Tier I or Tier II form.

Chemical or common name of the chemical as provided on the Safety Data Sheet must be provided on Tier II form.

Hazardous Chemical Inventory Reporting Chemicals in Mixtures

When determining whether the threshold quantity of an **extremely hazardous substance (EHS)** has been met, facilities must include the total quantity of the EHS present in the pure form as well as in any mixture, even if any mixture including the EHS is also being reported as a hazardous chemical.

For hazardous chemicals that are mixtures and **do not** contain any **EHS**, facilities have an option when determining whether the threshold quantity is present: (1) add together the quantity present in its pure form and as a component in all mixtures (even if the mixture is also being reported as a hazardous chemical), **or** (2) consider the total quantity of each mixture separately.

ATTACHMENT 5-A-1

Refer to Attachment 5 for instructions on completing this form

STATE OF HAWAII CHEMICAL INVENTORY FORM (TIER II)

\$200.00 FILING FEE PER FACILITY

REPORTING YEAR:

Page 1 of

rev 1/2019 ☐ I have attached a list☐ I have attached a description of dikes and other EMERGENCY CONTACTS (Please provide a primary and a secondary emergency contact) (Non-Confidential) Locations DATE: TITLE: ZIP: ALTERNATE PHONE: 24-HR PHONE: 24-HR PHONE: ☐ I have attached a site plan TITLE: safeguard measures OWNER/ OPERATOR IDENTIFICATION Optional Attachments STATE: DOCUMENT NUMBER: Temp Storage Type REVIEWED BY: Pressure I certify under penalty of law that I have personally examined and am familiar with the information submitted and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate and complete. MAILING ADDRESS: Container PHONE: E-MAIL: PHONE: Below Reporting Threshold PHONE: EMAIL: NAME: NAME: NAME: EMAIL: Date CITY: Inventory Days On-site (days) Avg. Daily Amount SN Max Daily FOR DOH HEER USE ONLY Amount (code) No. of (code) COUNTRY: Sudden release of pressure Health Hazards Physical and Maximum Number of Occupants: FACILITY ID: Immediate Reactivity ☐ YES ☐ NO Delayed (chronic) (aritha) ZIP: ZIP: Fire NAICS: Certification (Read and sign after completing all sections) Signature 亍 EPCRA: Check if all of the information for this chemical is □ UNMANNED EHS STATE: STATE: Identical to the information submitted last year □ Trade secret□ Confidential HEPCRA FACILITY IDENTIFICATION NUMBER: LONGITUDE: Gas Chemical Description FACILITY IDENTIFICATION ☐ MANNED Solid DATE PAYMENT RECEIVED: CHECK NO: Name and official title of owner/operator OR operator's authorized representative Mix П DUN & BRAD NUMBER: DATE HCIF RECEIVED: 8 Is this facility manned? MAILING ADDRESS: STREET ADDRESS: Pure ☐ YES LATITUDE: SIC CODE: Check all that apply COUNTY: Chemical Name: NAME RMP: CITY: CITY: CAS

ATTACHMENT 5 -A-2

REPORTING YEAR: FACILITY NAME:

TACIELL NAME.					Page of
Chemical Description		Physical and Health Hazards	Inventory	Storage Codes	Locations (Non-Confidential)
Check if all of the information for this chemical is identical to the information submitted last year	his chemical is ted last year	Fire	Max Daily Amount (code)		
CAS	Trade secret Confidential	Sudden release of pressure	Avg. Daily Amount (code)		
Chemical Name:		☐ Reactivity	No. of Days On- site (days)		
7.		Immediate (acute)	Below Reporting		
that apply Pure Mix Solid Liquid	d Gas EHS	Delayed (chronic)			
☐ Check if all of the information for this chemical is identical to the information submitted last year	his chemical is ted last year	Fire	Max Daily Amount (code)		
CAS	Trade secret Confidential	Sudden release of pressure	Avg. Daily Amount (code)		
Chemical Name:		☐ Reactivity	No. of Days On- site (days)		
Check all		Immediate (acute)	Relow Renorting		
that apply Pure Mix Solid Liquid	d Gas EHS	Delayed (chronic)	Threshold		
☐ Check if all of the information for this chemical is identical to the information submitted last year	his chemical is ted last year	Fire	Max Daily Amount (code)		
CAS	Trade secret Confidential	Sudden release of pressure			
Chemical Name:		Reactivity	No. of Days On- site (days)		
		☐ Immediate (acute)	Below Reporting		
that apply Pure Mix Solid Liquid	d Gas EHS	Delayed (chronic)	Threshold		

Hawaii Emergency Planning and Community Right-To-Know Act (HEPCRA) Hawaii Chemical Inventory Form/Tier II (HCIF) - INSTRUCTIONS

FACILITY INFORMATION

Enter the full name of your facility.

Enter the unique HEPCRA Facility ID number that the HEER Office has provided to your facility.

Enter the full street address or state road. If a street address is not available, enter other appropriate identifiers that describe the physical location of your facility. Include city, state, zip code, island and latitude and longitude in decimal degrees.

Enter the primary Standard Industrial Classification (SIC) code, the North American Industry Classification System (NAICS) and the Dun and Bradstreet number for your facility. The financial officer of your facility should be able to provide the Dun & Bradstreet number. If your firm does not have this information, visit http://fedgov.dnb.com/webform/displayHomePage.do, to obtain your Dun & Bradstreet facility number or have one assigned. Check the box to indicate if your facility is Manned or Unmanned and number of occupants.

REGULATORY INFORMATION

Fill in the correct boxes for each question as it applies to your facility regarding 40 CFR part 68, Risk Management Program, and 40 CFR part 355 of Section 302, Extremely Hazardous Substances.

FACILITY REPRESENTATIVE

Under Section 303 a facility representative shall be reported to the HSERC/HEER OFFICE. Enter the facility representative's full name, mailing address, phone number and e-mail address.

OWNER/OPERATOR

Enter the owner or operator's full name, mailing address and phone number. Any changes or sale shall be reported to the HEER Office stating the new owner and the effective date of the transfer. Owner/Operators are required to have an email address listed.

EMERGENCY CONTACT

Enter the name, title and work phone number of at least one local person or office who can act as a referral if emergency personnel need assistance in responding to a chemical incident at a facility. Emergency contacts are required to have an email address listed.

Provide an emergency phone number where emergency information will be available 24 hours a day, every day. This requirement is mandatory. The facility must make some arrangement to ensure that a 24-hour contact is available. All Emergency Contacts are required to have two (2), phone numbers and an email address listed.

CHEMICAL INFORMATION

The main section of the Hawaii Chemical Inventory Form requires specific information on amounts and locations of hazardous chemicals, as defined in the OSHA Hazard Communication Standard.

CHEMICAL DESCRIPTION

Enter the chemical name or common name of each hazardous chemical

Enter the Chemical Abstract Service registry number (CAS). For mixtures, enter the CAS number of the mixture as a whole, it has been assigned a number distinct from its constituents. For a mixture that has no CAS number, report the CAS number of as many constituent chemicals as possible.

For all Extremely Hazardous Substance (EHS), a CAS number is required. If the chemical is a mixture containing an EHS, enter the chemical name and CAS number of each EHS in the mixture.

Check box for all applicable descriptors: pure or mixture and solid, liquid or gas.

PHYSICAL AND HEALTH HAZARDS

For each chemical you have listed, check all the physical and health hazard boxes that apply. These hazard categories are defined in 40 CFR 370.2. The two health hazard categories and three physical categories are a consolidation of the 23 hazard categories defined in the OSHA Hazard Communication Standard 29 CFR 1910.12

MAXIMUM AMOUNTS

For each hazardous chemical, estimate the greatest amount in pounds present at your facility on any single day during the reporting period. Find the appropriate range value code under Reporting Ranges. Enter this range value code as the Maximum Amount.

AVERAGE DAILY AMOUNT

For each hazardous chemical, estimate the average weight in pounds that was present at your facility during the year. To do this, total all daily weights and divide by the number of days the chemical was present on the site. Find the appropriate range value under **Reporting Ranges**. Enter this range value as the **Average Daily Amount**.

NUMBER OF DAYS ON-SITE

Enter the number of days that the hazardous chemical was found on-site.

STORAGE TYPE AND LOCATIONS FOR EPA PROGRAM

List all non-confidential chemical locations in this row along with storage types/conditions associated with each location. You may list several locations for a particular chemical. Each row of boxes indicates a type of storage container and the conditions (example, above ground storage tank at ambient pressure and ambient temperature, or a cylinder at ambient pressure and ambient temperature. The corresponding line represents a location for that container.

STATE OF HAWAII STORAGE CODES

Indicate the code for the container types and the pressure and temperature conditions for that storage container. Each row of boxes indicates a type of storage container "for example: an above ground storage tank at ambient pressure and temperature (A[above ground], 1[ambient pressure], 4[temperature]) or a cylinder at greater than ambient pressure and ambient temperature (H[cylinder], 2[greater than ambient pressure] 4[temperature])". The corresponding line represents a location for that container.

STORAGE LOCATIONS

Provide a brief description of the precise location of the chemical so that emergency responders can locate the area easily. These descriptions must correspond to the site plan that you provide.

CERTIFICATION

The owner, operator or the officially designated representative of the owner or operator must certify that all information included in the Hawaii Chemical Inventory Form (HCIF) submission is true, accurate and complete. On the first page of the report enter your full name and official title. Sign your name and enter the current date. Also, enter the total number of pages included as well as all attachments. An original signature is required on at least the first page of the submission. Submissions to the HSERC, LEPC and Fire department must each contain an original signature on at least the first page. Each page must contain the total number of pages in the submission.

Reporting Ranges

Range Value	From (Pounds)	To (Pounds)
01	0	99
02	100	499
03	500	999
04	1,000	4,999
05	5,000	9,999
06	10,000	24,999
07	25,000	49,999
08	50,000	74,999
09	75,000	99,999
10	100,000	499,999
11	500,000	999,999
12	1,000,000	9,999,999
13	10 million + pounds	

List of Container Type

Above ground tank

Bag Battery

Below ground tank

Box Can Carboy Cylinder Fiber Drum

Glass bottles or jugs
Plastic bottles or jugs

Plastic or non-metallic drum

Rail Car Silo Steel drum

Tank inside building

Tote bin

Listing for Pressure and Temperature

Ambient Pressure
Greater than ambient pressure
Less than ambient pressure

Ambient temperature
Cryogenic conditions
Greater than ambient temperature
Less than ambient temp./ not cryogen

STATE STORAGE CODES

Storage Codes for Container Type

A	Above ground tank
В	Bag
C	Battery
D	Below ground tank
\mathbf{E}	Box
\mathbf{F}	Can
\mathbf{G}	Carboy
H	Cylinder
I	Fiber drum
J	Glass bottles or jugs
K	Plastic bottles or jugs
\mathbf{L}	Plastic or non-metallic drum
M	Rail car
N	Silo
O	Steel drum
P	Tank inside building
Q	Tank wagon
R	Tote bin

Storage Codes for Pressure and Temperature

1 2 3	Ambient Pressure Greater than ambient pressure Less than ambient pressure
4	Ambient temperature
5	Cryogenic conditions
6	Greater than ambient temperature
7	Less than ambient temp. / not cryogen